

ABSTRACT OF THE DISCLOSURE

A command processing method compares a start sector of a read or write command received during a sequential process with a sequential process final sector and a sequential process maximum extension sector when the command received does not make a sequential access, by using the sequential process final sector which indicates a sector where the sequential process ends and the sequential process maximum extension sector which indicates an extensible range of the sequential process, when carrying out a read or write sequential process with respect to a recording medium; and continues the sequential process by queuing the read or write command received into a command queue, when the start sector on the recording medium is located at a position before the sequential process final sector or after the sequential process maximum extension sector as a result of the comparing.

25

30

35